

# USPAT; EPO; JPO; Derwent files searched Monday, May 08, 2000

BRS	USPAT; EPO; JPO; Derwent	L1	765	polariz\$ adj3 beamsplit\$
BRS	USPAT; EPO; JPO; Derwent	L2	4505	s adj2 polariz\$
BRS	USPAT; EPO; JPO; Derwent	L3	4920	p adj2 polariz\$
BRS	USPAT; EPO; JPO; Derwent	L7	3858	2 AND 3
BRS	USPAT; EPO; JPO; Derwent	L8	145	1 and 7

## Display of L8

US 4969720 A	EPO	Magneto-optic bypass switch	FPD	19901113	
US 5486934 A	EPO	Polarization beamsplitter with a substrate-mode holographic structure	FPD	19960123	
EP 779719 A2	EPO	TITLE DATA NOT AVAILABLE	FPD	19970618	
WO 9736195 A1	EPO	NONPOLARIZING BEAMSPLITTER	FPD	19971002	
US 5663793 A	EPO	Homodyne interferometric receiver and calibration method having improved	accuracy and functionality	FPD	19970902
US 5808798 A	EPO	Nonpolarizing beamsplitter	FPD	19980915	
JP 63188835 A	JPO	OPTICAL HEAD	FPD	19880804	
US 3975102 A	USPAT	Scanning photoelectric autocollimator		356/376	
US 3977789 A	USPAT	Scanning differential photoelectric autocollimator		356/394	
US 4191456 A	USPAT	Optical block for high brightness full color video projection system		353/31	
US 4264986 A	USPAT	Information-recording process & apparatus		365/124	
US 4343535 A	USPAT	Liquid crystal light valve		349/9	
US 4425028 A	USPAT	High efficiency optical tank for three color liquid crystal light valve image projection with color selective prepolarization and			
single projection lens					
US 4461542 A	USPAT	High efficiency optical tank for three color liquid crystal light valve	image projection with color selective prepolarization		
349/8					
US 4500172 A	USPAT	Two color liquid crystal light valve image projection system with single	prepolarizer	349/9	
US 4504123 A	USPAT	High efficiency polarizing beamsplitter		359/487	
US 4544237 A	USPAT	High efficiency optical tank for two-color liquid crystal light valve	image projection with color selective prepolarization		
349/9					
US 4571712 A	USPAT	Beam alignment signal processing		369/44.33	
US 4575238 A	USPAT	Laser-doppler-anemometer		356/28.5	
US 4588296 A	USPAT	Compact optical gyro		356/350	
US 4609290 A	USPAT	Passive homodyne demodulator and sensor system		356/345	
US 4621351 A	USPAT	Beam alignment system		369/44.25	
US 4636075 A	USPAT	Particle measurement utilizing orthogonally polarized components of a	laser beam		356/336
US 4643575 A	USPAT	Fizeau interferometer		356/351	
US 4647966 A	USPAT	Stereoscopic three dimensional large screen liquid crystal display			348/58
US 4688940 A	USPAT	Heterodyne interferometer system		356/349	
US 4702603 A	USPAT	Optical phase decoder for interferometers		356/351	
US 4718766 A	USPAT	Stabilized ring laser bias system		356/350 ;	
US 4743770 A	USPAT	Profile-measuring light probe using a change in reflection factor in the	proximity of a critical angle of light		
250/559.22					
US 4749259 A	USPAT	Liquid crystal image projection with multicolor prepolarizing system		349/8	
US 4752922 A	USPAT	Optical disk recording and readout system having read, write and coarse	light beams		369/32
US 4756622 A	USPAT	Compact apparatus for measuring absorption by a gas		356/437	
US 4830472 A	USPAT	Processing unit to perform operation of images		359/256	
US 4890901 A	USPAT	Color corrector for embedded prisms		349/194	
US 4893932 A	USPAT	Surface analysis system and method		356/369	
US 4902125 A	USPAT	Optical system having beam amplification		356/5.09	
US 4913529 A	USPAT	Illumination system for an LCD display system		349/9	
US 4943155 A	USPAT	Color projection system with a color correction wedge		353/33	
US 4969720 A	USPAT	Magneto-optic bypass switch		359/302	
US 4978970 A	USPAT	Scanning/recording system with plural beam overlap without interference			347/241
US 4980882 A	USPAT	Optical disk for detesting and distinguishing servo tracks from data	tracks		369/275.3
US 5015100 A	USPAT	Apparatus and method for normal incidence reflectance spectroscopy			356/445
US 5032734 A	USPAT	Method and apparatus for nondestructively measuring micro defects in	materials		250/559.46
US 5053755 A	USPAT	Automotive head-up display with high brightness in daytime and high	contrast in nighttime		345/7
US 5084783 A	USPAT	Focus-error detection using prism-enhanced spot size monitoring		359/640	
US 5115305 A	USPAT	Electrically addressable liquid crystal projection system with high	efficiency and light output		348/751
US 5136152 A	USPAT	Hybrid optical pickup with integrated power emission and reading	photodetectors		257/699
US 5136426 A	USPAT	Light projection apparatus		359/583	
US 5162940 A	USPAT	Multiple energy level, multiple pulse rate laser source		359/333	
US 5189489 A	USPAT	Interferometric measurement device with non stabilized light source			356/358
US 5198928 A	USPAT	Light weight binocular helmet visor display		359/465	
US 5220397 A	USPAT	Method and apparatus for angle measurement based on the internal	reflection effect		356/140
US 5245472 A	USPAT	High-efficiency, low-glare X-prism		359/496	
US 5249030 A	USPAT	Method and apparatus for determining the position of a moving body and	the time of the position measurement		
356/349					
US 5253245 A	USPAT	Optical data storage tracking system		369/119	
US 5260565 A	USPAT	Separation of simultaneous events in a laser firing unit using a	polarization technique		250/227.15
US 5272550 A	USPAT	Hologram system		359/3	
US 5272690 A	USPAT	Hologram element system		369/112	
US 5307073 A	USPAT	Optically controlled phased array radar		342/372	

US 5313332 A	USPAT	Flexure suspension for two axis actuator	359/813		
US 5319477 A	USPAT	Compact polarization independent optical switching units		349/65	
US 5325175 A	USPAT	Solid-block homodyne interferometer	356/351		
US 5327338 A	USPAT	Scanning laser lithography system alignment apparatus	347/233		
US 5331445 A	USPAT	Increased Bragg angle sensitivity hologram system and method		359/15	
US 5345321 A	USPAT	Compact polarization dependent optical switching units	349/5		
US 5363228 A	USPAT	Optical device with spatial light modulators for switching arbitrarily		polarized light	359/117
US 5383053 A	USPAT	Virtual image display having a high efficiency grid beamsplitter		359/486	
US 5400306 A	USPAT	Differential detection assembly for data retrieval from a data storage	disk		369/13
US 5410468 A	USPAT	Optical pick-up apparatus	369/103		
US 5418380 A	USPAT	Optical correlator using ferroelectric liquid crystal spatial light	modulators and Fourier transform lenses		
250/550					
US 5418611 A	USPAT	Multi-degree-of-freedom geometric error measurement system		356/141.2	
US 5436443 A	USPAT	Polaradiometric pyrometer in which the parallel and perpendicular components of radiation reflected from an unpolarized light source are equalized with the thermal radiation emitted from a measured object to determine its true temperature			250/225
US 5442483 A	USPAT	Optical viewing instrument for attachment to a gunsight eyepiece	359/638		
US 5486934 A	USPAT	Polarization beamsplitter with a substrate-mode holographic structure		359/15	
US 5504579 A	USPAT	Multioscillator with combined optical and electronic signal processing		356/350	
US 5513023 A	USPAT	Polarizing beamsplitter for reflective light valve displays having opposing readout beams onto two opposing surfaces of the polarizer	349/9		
US 5515202 A	USPAT	Optical projector arrangement comprising a compensator		359/634	
US 5523582 A	USPAT	Method and apparatus for measuring the curvature of wafers with a laser	source selecting device		250/559.22
US 5526144 A	USPAT	Optical system with pivoting hologram	359/15		
US 5534949 A	USPAT	Two channel field sequential color display system	348/742		
US 5537209 A	USPAT	An interferometric measuring system having temperature compensation and improved optical configurations			
356/349					
US 5543914 A	USPAT	Apparatus and methods employing harmonic analysis for measuring the difference in phase between two coherent beams			
356/345					
US 5546187 A	USPAT	Self-referencing laser-based ultrasonic wave receiver	356/357		
US 5557324 A	USPAT	Polarization viewer	345/207		
US 5557040 A	USPAT	Method and apparatus for precipitation detection and differentiation		73/170.21	
US 5561654 A	USPAT	Compact write system for optical tape recording	369/97		
US 5583843 A	USPAT	Compound holographic optical element with two superposition hologram patterns for converging and diffracting a light beam			
369/103					
US 5590148 A	USPAT	Birefringent beamsplitter for high power lasers and laser applications		372/105	
US 5602657 A	USPAT	Hologram system having hologram layers with rotationally offset Bragg planes		359/15	
US 5631559 A	USPAT	Method and apparatus for performing magnetic field measurements using magneto-optic kerr effect sensors			
324/244.1					
US 5644555 A	USPAT	Multiple data surface magneto-optical data storage system		369/13	
US 5658475 A	USPAT	Apparatus for laser texturing disks	219/121.77		
US 5659413 A	USPAT	Laser satellite communication system	359/172		
US 5663793 A	USPAT	Homodyne interferometric receiver and calibration method having improved accuracy and functionality			
356/351					
US 5663940 A	USPAT	Optical pickup apparatus including hologram element	369/44.23		
US 5686990 A	USPAT	Optical source isolator with polarization maintaining optical fiber and aspheric collimating and focusing lens			
356/350					
US 5689363 A	USPAT	Long-pulse-width narrow-bandwidth solid state laser	359/334		
US 5691830 A	USPAT	Holographic optical system including waveplate and aliasing suppression filter		359/15	
US 5696383 A	USPAT	Method and apparatus for measuring the curvature of wafers with beams of different wavelengths			
250/559.22					
US 5699160 A	USPAT	Optical apparatus for inspecting laser texture	356/359		
US 5701326 A	USPAT	Laser scanning system with optical transmit/reflect mirror having reduced received signal loss			372/99
US 5719702 A	USPAT	Polarization-balanced beamsplitter	359/487		
US 5726795 A	USPAT	Compact phase-conjugate mirror utilizing four-wave mixing in a loop configuration		359/300	
US 5734504 A	USPAT	Multi-beam illuminator laser	359/618		
US 5736856 A	USPAT	Method and apparatus for performing magnetic field measurements using magneto-optic Kerr effect sensors			
324/244.1					
US 5742577 A	USPAT	Prism has a plurality of reflective regions each with a predetermined phase difference		369/109	
US 5744267 A	USPAT	Azo-dye-doped photorefractive polymer composites for holographic testing and image processing			
430/1					
US 5757547 A	USPAT	High efficiency homogeneous polarization converter	359/497		
US 5767972 A	USPAT	Method and apparatus for providing data age compensation in an interferometer		356/358	
US 5790433 A	USPAT	Method for controlling laser power in a texturing process			
US 5793912 A	USPAT	Tunable receiver for a wavelength division multiplexing optical apparatus and method			385/37
US 5800625 A	USPAT	Removal of material by radiation applied at an oblique angle	134/1		
US 5808798 A	USPAT	Nonpolarizing beamsplitter	359/583		
US 5822211 A	USPAT	Laser texturing apparatus with dual laser paths having an independently adjusted parameter			700/166
US 5822128 A	USPAT	Projection lenses for display elements and projection systems comprising same		359/650	
US 5828489 A	USPAT	Narrow wavelength polarizing beamsplitter	359/487		
US 5830514 A	USPAT	Controlling pulses in a laser texturing tool	425/174.4		
US 5833338 A	USPAT	Projector	353/20		
US 5838397 A	USPAT	Optical fluid for projector prism	349/5		
US 5844722 A	USPAT	Internal aperture mask for embedded optics	359/637		
US 5850307 A	USPAT	Scanner system having a dual trace spinner	359/209		
US 5852507 A	USPAT	High efficiency polarization diversity receiver system	359/192		
US 5867271 A	USPAT	Michelson interferometer including a non-polarizing beam splitter		356/351	
US 5871442 A	USPAT	Photonic molecular probe	600/310		
US 5877858 A	USPAT	Textured surface monitoring and control apparatus	356/357		

US 5878176 A	USPAT	Optical circulator	385/11		
US 5892569 A	USPAT	Scanning laser ophthalmoscope optimized for retinal microphotocoagulation		351/221	
US 5900975 A	USPAT	Ghost image extinction in an active range sensor	359/493		
US 5914817 A	USPAT	Thin film dichroic color separation filters for color splitters in liquid crystal display systems			359/634
US 5923452 A	USPAT	Laser satellite communication system	359/172		
US 5928713 A	USPAT	Method for fabricating a gradient refractive index optical filter		427/10	
US 5936253 A	USPAT	Position detector and microlithography apparatus comprising same		250/548	
US 5940304 A	USPAT	Controlling a laser texturing tool having two handling stations for disks to be textured and a single texturing station			
US 5943129 A	USPAT	Fluorescence imaging system	356/318		
US 5949546 A	USPAT	Interference apparatus for measuring absolute and differential motions of same or different testing surface			
356/351					
US 5951891 A	USPAT	Optical apparatus for monitoring profiles of textured spots during a disk texturing process			219/121.68
US 5959778 A	USPAT	Projection-display apparatus	359/618		
US 5966216 A	USPAT	On-axis mask and wafer alignment system	356/401		
US 5986234 A	USPAT	High removal rate laser-based coating removal system		219/121.68	
US 5986815 A	USPAT	Systems, methods and apparatus for improving the contrast ratio in reflective imaging systems utilizing color splitters			
359/634					
US 5991033 A	USPAT	Interferometer with air turbulence compensation		356/349	
US 5991081 A	USPAT	Anti-reflection coatings and coated articles	359/589		
US 6043883 A	USPAT	Wavemeter and an arrangement for the adjustment of the wavelength of the signals of an optical source			
356/346					
US 6046858 A	USPAT	Light separation and recombination system for an off-axis projector		359/634	
US 6052187 A	USPAT	Hyperspectral polarization profiler for remote sensing		356/364	